

ABSTRACT OF THE DISCLOSURE

A method and apparatus is presented for decoding an encoded streaming media file and outputting the decoded streaming media file directly in the frame buffer of a driver, thereby eliminating the need for intermediate buffers for audio, video, and print devices. The method provides the capability to capture audio, video, and/or print (and metadata) at a point and apply digital rights management to the data from the point of capture to the point of rendering. The invention works with any rendering technology that uses frame buffers, such as digital light processing (DLP) device, liquid crystal displays (LCDs), and MEM (Micro-electro-mechanical) imaging devices.